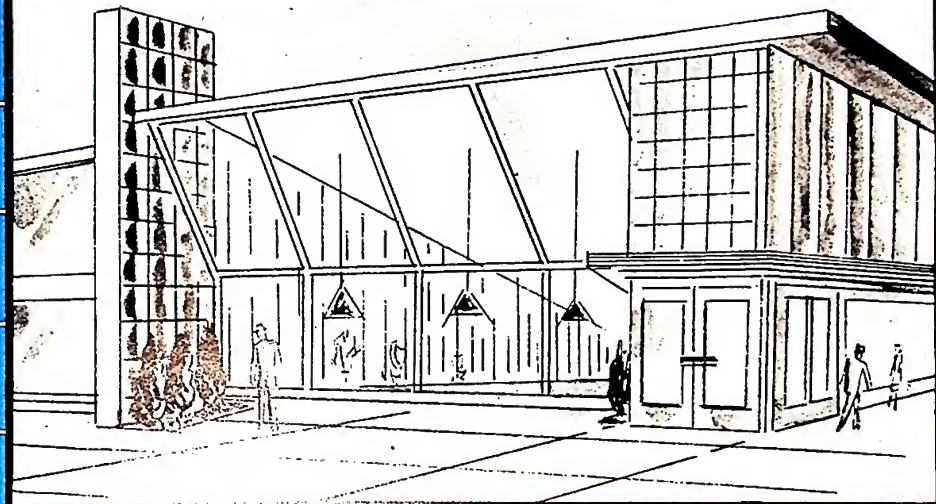


# A LUMILINE

FABRICATORS & FINISHERS OF ARCHITECTURAL ALUMINUM PRODUCTS

- SASH and BILT
- DIVISION BARS
- MULLIONS and MUNTINS
- FASCIA
- AWNING FLAPS
- CURTAIN WALL SECTIONS
- DF FRAMING MEMBERS
- ARCHITECTURAL SHAPES

## STORE FRONTS



*Available In Color*

- GOLD LITE
- BLACK LITE
- BLUE LITE
- CLEAR ALUMILITE

THE **A** LUMILINE  
CORPORATION

DUNNELL LANE, PAWTUCKET, RHODE ISLAND



# ALUMILINE CORPORATION

## STORE FRONTS

The Alumiline Corporation manufactures a complete line of extruded aluminum store front construction including sash, sill, bars and fascia. These materials are designed to be used in conjunction with Alumiline's doors, entrances and curtain wall.

## DOORS

*featuring* **R-W<sup>6</sup>**

Alumiline's unique method of fusing a machined aluminum corner reinforcement to the extruded stile and rail with 6-high tensile welds assures a quality door of superior strength.

A complete line including narrow stile, center panel, wide stile, flush panel and sliding doors.

## ENTRANCES

A complete line of entrance designs with framings from 1 $\frac{3}{4}$ " x 4" tubing up to 3" x 10 $\frac{1}{2}$ ". Units are available with reinforcing steel or designed to be reassembled around structural steel by others.

### GOLD LITE

### BLACK LITE

### BLUE LITE

### CLEAR ALUMILITE



## ARCHITECTURAL COLORS

Alumiline's time-tested architectural colors — Gold Lite, Blue Lite and Black Lite — are applicable to all of our products. The Finishing Division of the Alumiline Corporation has pioneered in the research and development of architectural color applications and the Company has a reputation for high quality control on architectural color work.

## CURTAIN WALL SYSTEMS

Alumiline designs and fabricates complete curtain walls featuring 950, 960 and 990 series. Custom systems are fabricated to architectural designs and specifications.

Alumiline's Laminated Panel Division provides a wide range of Custom "U" panels for curtain walls.

## CUSTOM WORK

In addition to standard store fronts, entrances and custom architectural construction, The Alumiline Corporation fabricates a wide variety of unusual and highly specialized architectural products such as church steeples, crosses, handrails, power house doors and laminated products.

**PLA FACILITIES**

The Alumiline Corporation manufactures quality Aluminum products competitively priced. Engineering, finishing and fabrication facilities are all coordinated under one roof, in our Rhode Island Factory.

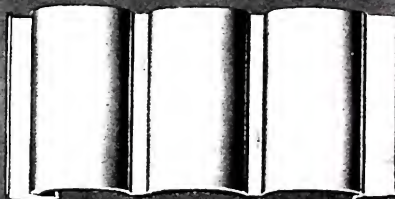
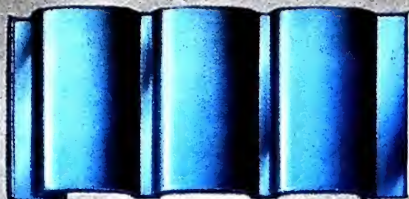
The Alumiline Corporation research and development department has pioneered in the field of architectural aluminum finishes. The Finishing Division is one of the most modern, complete and efficient in the United States assuring uniform dependability of finish at lowest possible cost. These facilities complement Alumiline's fabricating departments handling stock and custom constructions.

**TECHNICAL BULLETINS**

The following Technical Bulletins are available:

- Master Specifications • Heat Transfer Terminology
- Architectural Aluminum Anodizing • Designs For Fascia In Architectural Colors
- A Review of Basic Designs Of Narrow Stile Doors
- Architectural Alodine — Sales Information & Technical Data
- "Custom G" Sliding Door

Alumiline's Master File of Data contains all of the above catalogs and complete construction details for store fronts and entrances.

**SPECIFICATIONS****Store Front Construction**

Store front construction shall be as manufactured by The Alumiline Corporation, Pawtucket, R. I., of extruded aluminum of 6063-T5 alloy and with a polished alumilite finish. Sash sections shall be fully extruded aluminum with resilient spring lug method of holding the glass.

Wood, masonry and dissimilar metals, in direct contact with Alumiline moldings, shall be painted with an approved paint before moldings are set.

(For Alumiline Store Front Construction in Color; add) The above aluminum material shall be anodized in The Alumiline Gold Lite, Black Lite, or Blue Lite process.

**Aluminum Entrances and Doors**

The aluminum frames and doors shall be factory assembled entrance units manufactured by The Alumiline Corporation, Pawtucket, R.I. Entrance units shall be constructed of alumilited extruded 1/8" thick aluminum sections of 6063-T5 alloy and shall be complete in every respect, including hardware.

Aluminum doors shall have stiles and rails joined by concealed welding of aluminum corner reinforcements inside all corners. Mechanically joined, bolted or superficially welded doors without reinforcements will not be considered as meeting these specifications.

**MASTER SPECIFICATIONS**

Specifications listed above are "short form". The complete master specifications are included in THE ALUMILINE CORPORATION MASTER FILE OF DATA.

**THE ALUMILINE CORPORATION**  
DUNNELL LANE PAWTUCKET, RHODE ISLAND

**index**

Alumiline's Store Front Catalog 21 and Entrance Catalog 16 AL are Cross Indexed For Your Convenience.

**STORE FRONTS**

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Heads, Jambs	4,
Division Bars	6,
Mullions & Muntins	
Division Bar Screws	
Fascia	8,
Awning Flaps	8,
Curtain Wall Sections	1
DF Framing Members	1
Standard Architectural Shapes	1

**ENTRANCES**

	16a AL
Narrow Stile Doors	4,
Wide Stile Doors	4,
Door Hardware Schedule	
Narrow Stile Center Panel Doors	6,
Wide Stile Center Panel Doors	6,
Honeycomb Flush Panel Doors	8,
Heavy Duty Flush Panel Doors	8,
Stock Frames	10,
DF Framing Members	
Door Hardware	
Sliding Glass Door	14,
Custom Work	



### SASH AND BEAD

**Extruded Aluminum — Alumiline Sash and Bead** is manufactured of extruded aluminum — easier to handle, easier to install and free of waves.

**Glass Grab** — Deeper glass grab for easier and safer installation.

**Flexible Spring Clip** — Cushions glass-to-metal contact.

**Designs** — Wide range of designs including half sashes.

**Sash for Insulating Glass** — Adjustable for thicknesses from  $\frac{1}{8}$ " to 1" and designed for bedding glass in compound as recommended by glass manufacturers.

#### NOTE

39DBL is used with 39-6 and 171-6 sash to provide a double face sash effect with the excellent qualities of a spring set sash.



39-6



30-6



121-6



171-6



141-6



151



H39-6



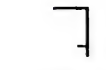
H38-A



H-121



140



39DBL



39DBL  
with 39-6  
Sash



31



T-97



T97



308



307



306



85

### SASH & SILL COMBINATIONS THE "400" SERIES

These economical units establish a 2-piece installation procedure instead of the normal 3 to 4 piece procedure resulting in lower cost of materials as well as lower cost of installation.  
(See lower half of page 5 for construction details illustrating these installations)



439



430



421



400



401



402



400-S



401-S



402-S

### AVAILABLE IN COLOR

- GOLD LITE
- BLACK LITE
- BLUE LITE
- CLEAR ALUMILITE

### SILLS, HEADS AND JAMBS

The Alumiline Corporation manufactures a complete line of heads, sills and jambs for flush and recessed conditions. Heads and jambs are adjustable for greater flexibility. Sash and sill combinations are also available. (See upper center section of page 4)

#### 2" COVERS



252-6



243



212-6



242-6

#### 1 1/2" COVERS



281-6



272



271-6



270-6 For Use  
With Sash 171-6,  
141-6 & 151.

#### 3/4" COVERS



267



269



268-6

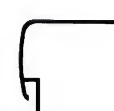
#### 560 SERIES



563



564



562



11A

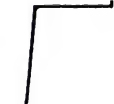
#### 90 SERIES



22A



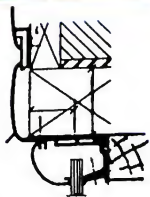
90



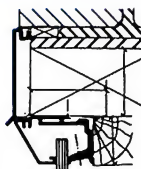
57A

# store fronts

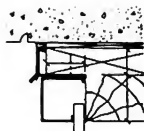
## sash and sill



563

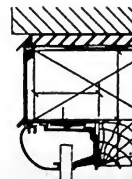


252-6

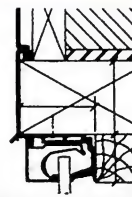


267

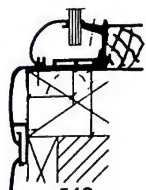
### HEADS



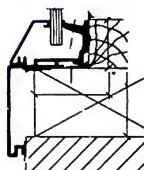
281-6



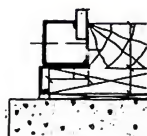
252-6



562

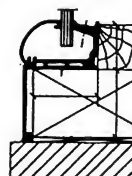


243



269

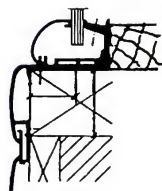
### JAMBS



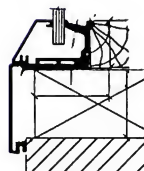
272



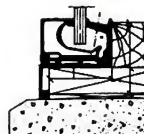
243



562

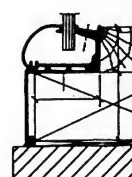


242-6

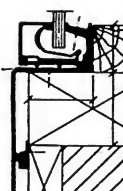


268-6

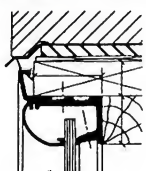
### SILLS



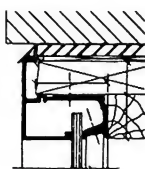
271-6



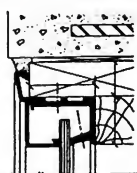
242-6



430

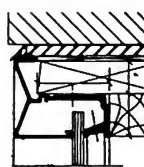


400

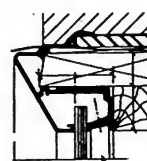


439

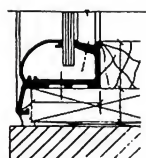
### HEADS



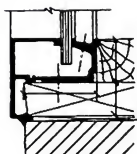
401



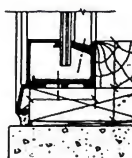
402



430

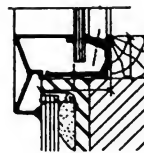


400

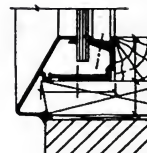


439

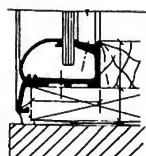
### JAMBS



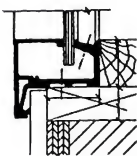
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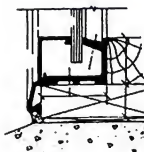
402



430

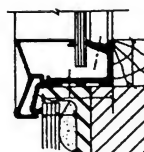


400-S

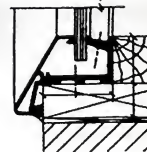


439

### SILLS



401-S



402-S

SCALE  
1/4 SIZE

THE ALUMILINE CORPORATION  
Dunnell Lane Pawtucket, Rhode Island

Page

5



## DIVISION BARS

**Versatility:** For each face angle a variety of back stiffeners are available.

**Glass Grab:** Deeper glass grab for safer and easier installation.

**Flexible Spring Clip:** Cushions glass-to-metal contact.

**Phillips Hex Head Screws:** In stiffeners for neat appearance. Hex head feature allows tightening in limited access areas.

**Alumilited Aluminum:** On both face AND BACK STIFFENERS. No chance of ugly rust stains.

**Special K-D Construction:** K-D construction allows assembly of 15 division bars from 6 basic members offering the advantages of flexibility and smaller inventory requirements.

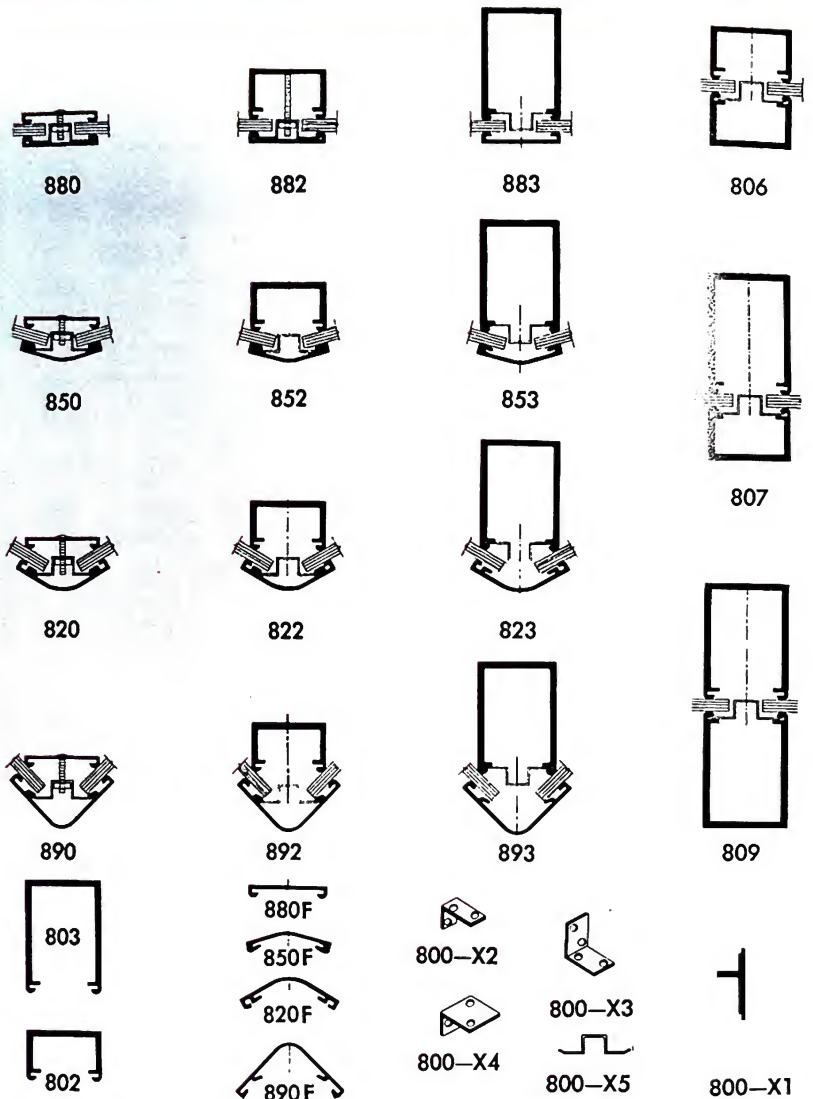
### AVAILABLE IN COLOR

- GOLD LITE
- BLACK LITE
- BLUE LITE
- CLEAR ALUMILITE

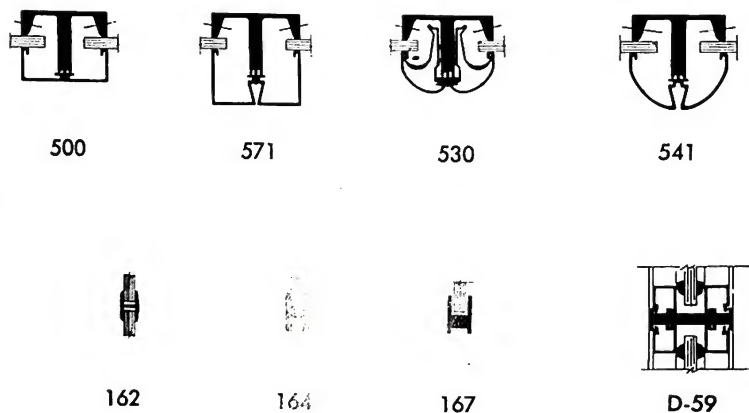
## MULLIONS & MUNTINS

500 Series muntins can be used horizontally and vertically in conjunction with standard sash members. (See page 4).

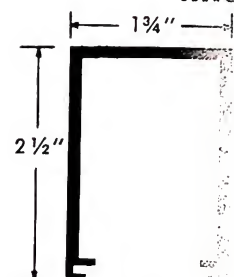
Numbers 162, 164, 167 and D-59 may be used for dividers in small glass areas.



### mullions and muntins



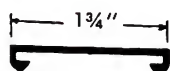
## These Six Basic Members Assemble Into Fifteen Bars



803



802



880F



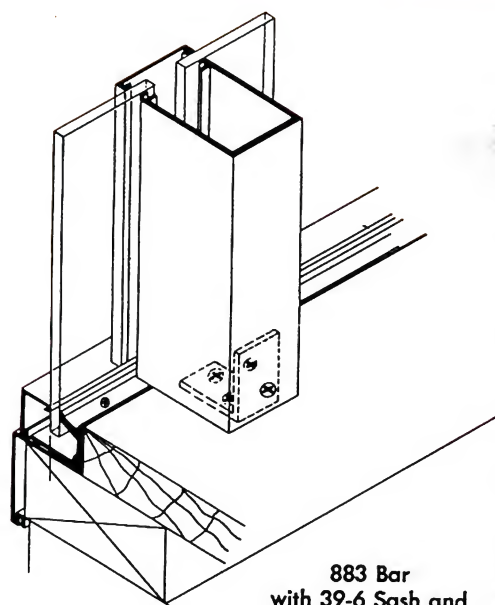
850F



820F



890F

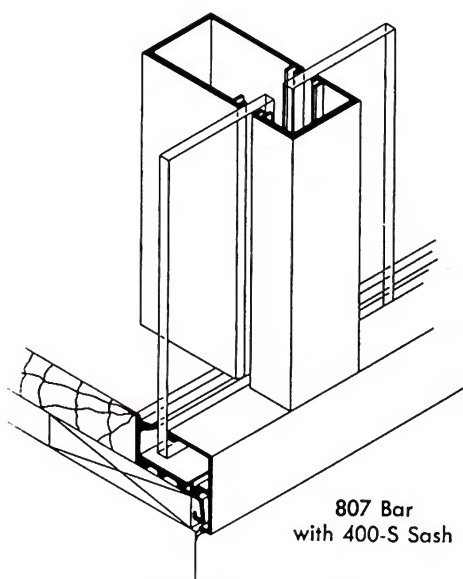


883 Bar  
with 39-6 Sash and  
241-6 Sill

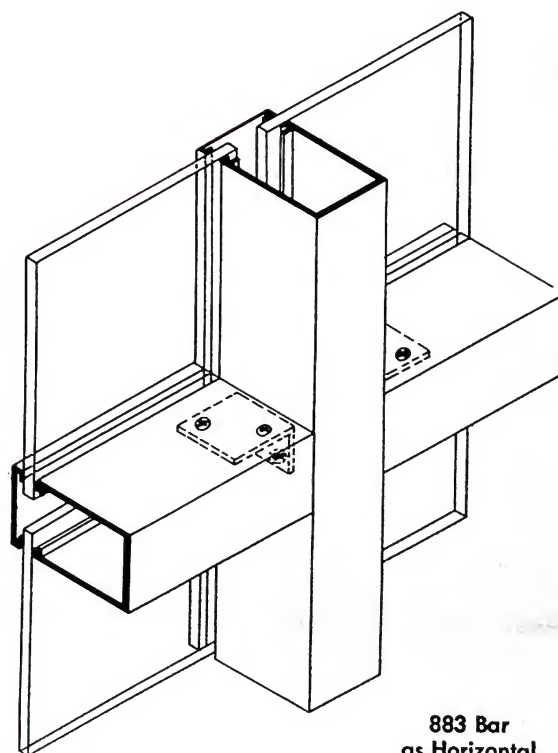
### Screws For Assembly of KD Division Bars

Only 4 basic screws are required to assemble all KD division bars:

- 800-X6 Assembly screw for 820, 850, 880, 890
- 800-X7 Assembly screw for 806, 808, 822, 852, 882, 892
- 800-X8 Assembly screw for 823, 883
- 800-X9 Assembly screw for 807, 809, 853, 893



807 Bar  
with 400-S Sash



883 Bar  
as Horizontal  
and Vertical



### FASCIA

Alumiline offers 3 separate Fascia Series for maximum variety of architectural designs and effects.

**560 Series:** A pleasing contour with extreme flexibility at heads, jambs, sills, corners and reverse turns. Variable interlock allows 3 positive stop adjustments (see page 9).

**250 Series:** Alumiline's "straight-line" fascia, including sill, head and jamb, designed for easy installation.

**90 Series:** Fascia shapes for outstanding scalloped picture frame and unique architectural effects.

(See pages 4 & 5 for sash and sill to be used in conjunction with the above Fascia Series)

**Extruded Aluminum:** Fascia sections are manufactured of extruded aluminum . . . easier to handle, easier to install and free of waves.

### AVAILABLE IN COLOR

- GOLD LITE
- BLACK LITE
- BLUE LITE
- CLEAR ALUMILITE

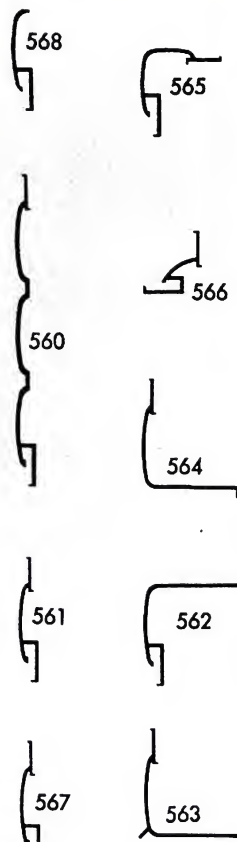
### AWNING FLAPS

**Complementary Designs:** Designed to be used with various Alumiline fascia to assure a complementary design throughout.

**Flap Sizes:** Alumiline Awning Flaps can be made to specific sizes computable with multiplicities of the basic dimension.

**Extruded Aluminum:** Awning flaps are manufactured of extruded aluminum . . . easier to handle, easier to install and free of waves.

#### 560 Series

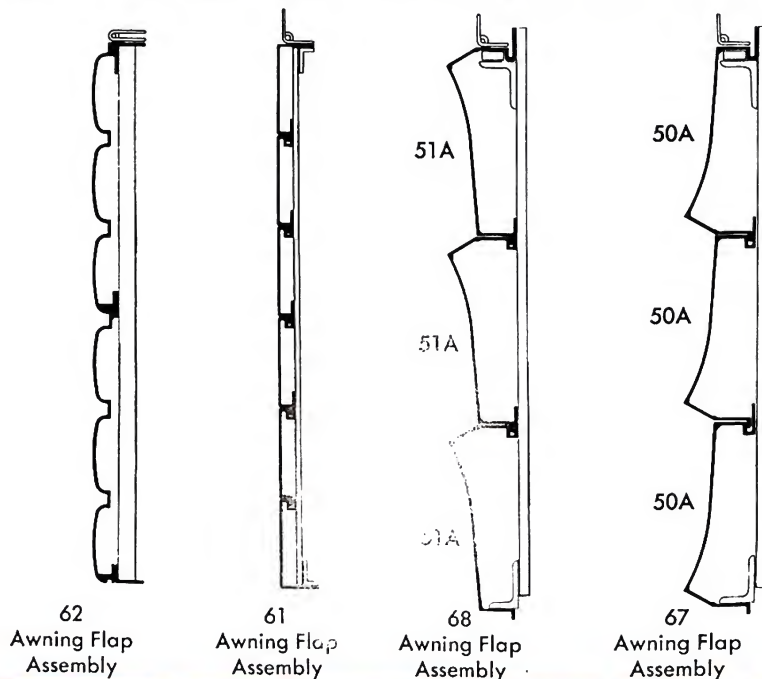
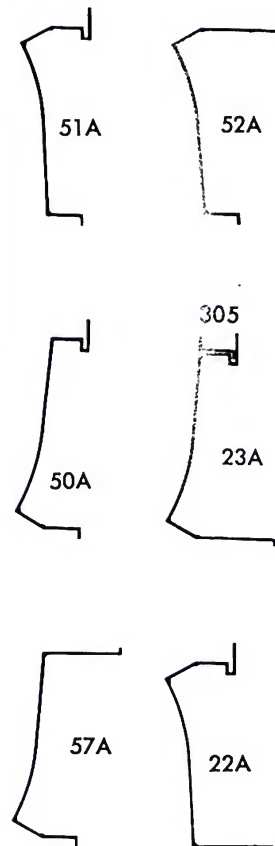


#### 250 Series



Note #215 interlock is used with two #212 to form 4" pilaster cover.

#### 90 Series



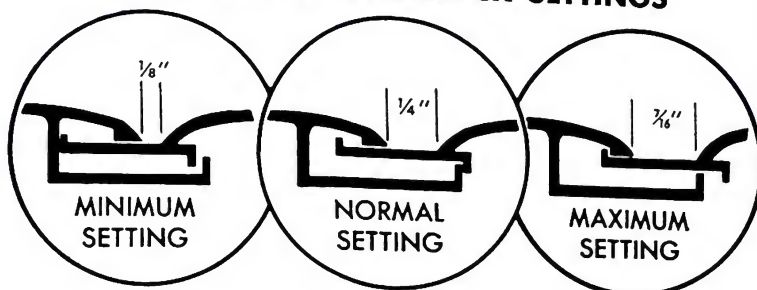
See Alumiline Full Size Details For Complete Dimensions and Construction Drawings



# ALUMILINE 560 SERIES FASCIA-DESIGNED FOR ATTRACTIVE APPEARANCE AND EASE OF INSTALLATION

## ADJUSTABLE INTERLOCK SETTINGS

Three positive settings allow the spacing to be varied over a  $5/16"$  adjustment. These variations in wood and stud dimensions can be easily taken-up to effect an easy, properly fitted installation.



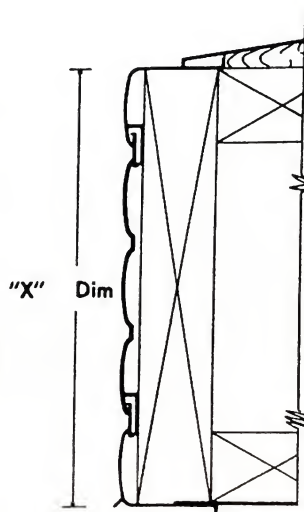
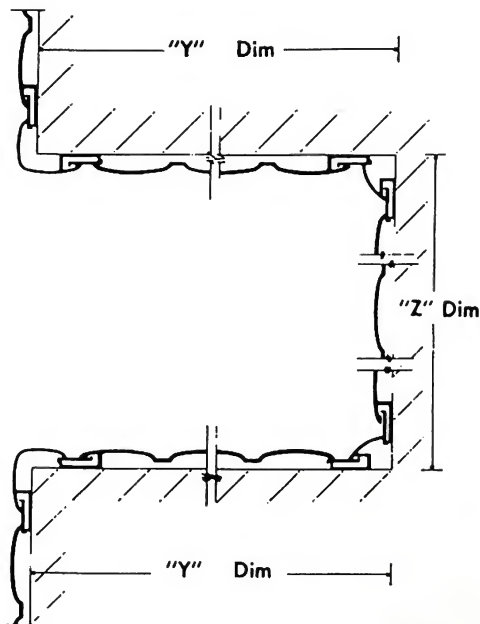
(full size illustrations above)

### NOTES:

"X" Dimension Equals  $3\frac{3}{4}"$  Plus 6" for each #560 used and 2" for each #561 used.

"Y" Dimension Equals 2" Plus 6" for each #560 used and 2" for each #561 used.

"Z" Dimension Equals 2" plus 6" for each #560 used and 2" for each #561 used.



## CURTAIN WALL SECTIONS

In line with modern architectural trends to large glass and panel areas in building construction, Alumiline has developed Grid Type and Modular Type Curtain Wall Systems. Sections shown on this page are typical standard shapes available.

Other shapes to meet specific architectural requirements are developed as needed.

**Modular Sections:** for large areas providing economy and full vertical and horizontal expansion facilities between each module.

**Grid Sections:** for smaller areas where expansion is of less importance yet economy and speed of installation are paramount.

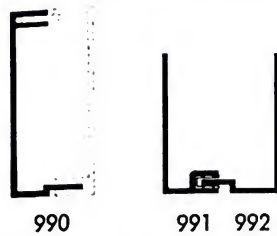
### AVAILABLE IN COLOR

- GOLD LITE
- BLACK LITE
- BLUE LITE
- CLEAR ALUMILITE

Both Alumiline Modular and Grid Sections are manufactured with provision for plate glass, insulating glass, insulating panels and operating vents.

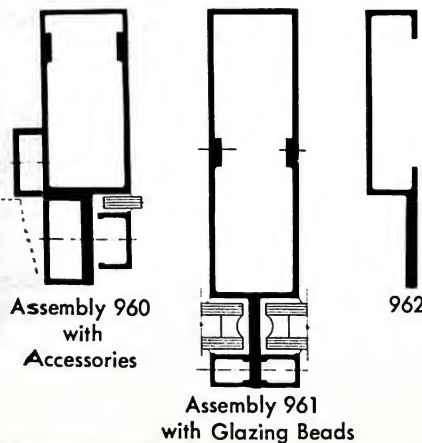
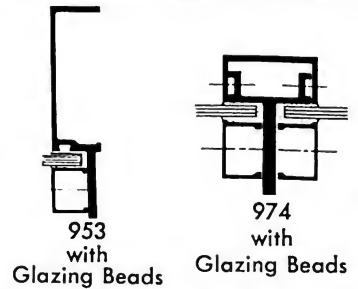
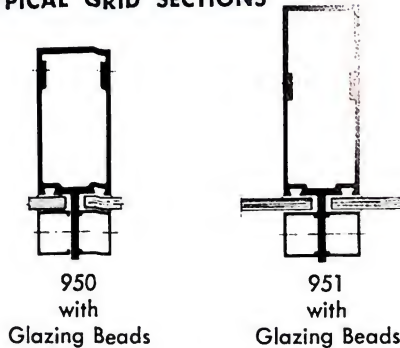
To maintain a continuity of lines and similarity of construction throughout, Alumiline Curtain Wall Sections may be used in the door framing area at ground level.

**TYPICAL MODULAR SECTIONS** 990 back-to-back member for modular construction gives an overall mullion size of  $1\frac{3}{4}" \times 4"$ . The face width will vary with amount of interlock adjustment.

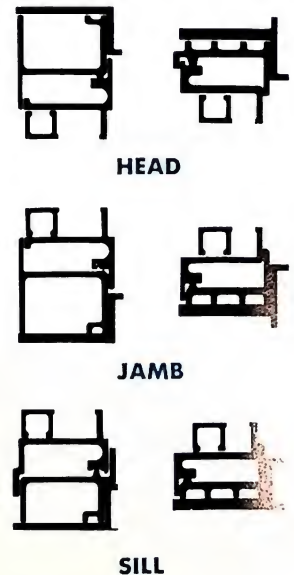


991 shown with plastic weatherseal PL-15, and 992 are used in conjunction with 960 Curtain Wall members for expansion joints and for modular construction.

### TYPICAL GRID SECTIONS



### VENTILATOR SECTIONS



Ventilators are available in both inswinging hopper type and outswinging awning type. Friction type adjusters and latch with cam strike is furnished with both type ventilators.



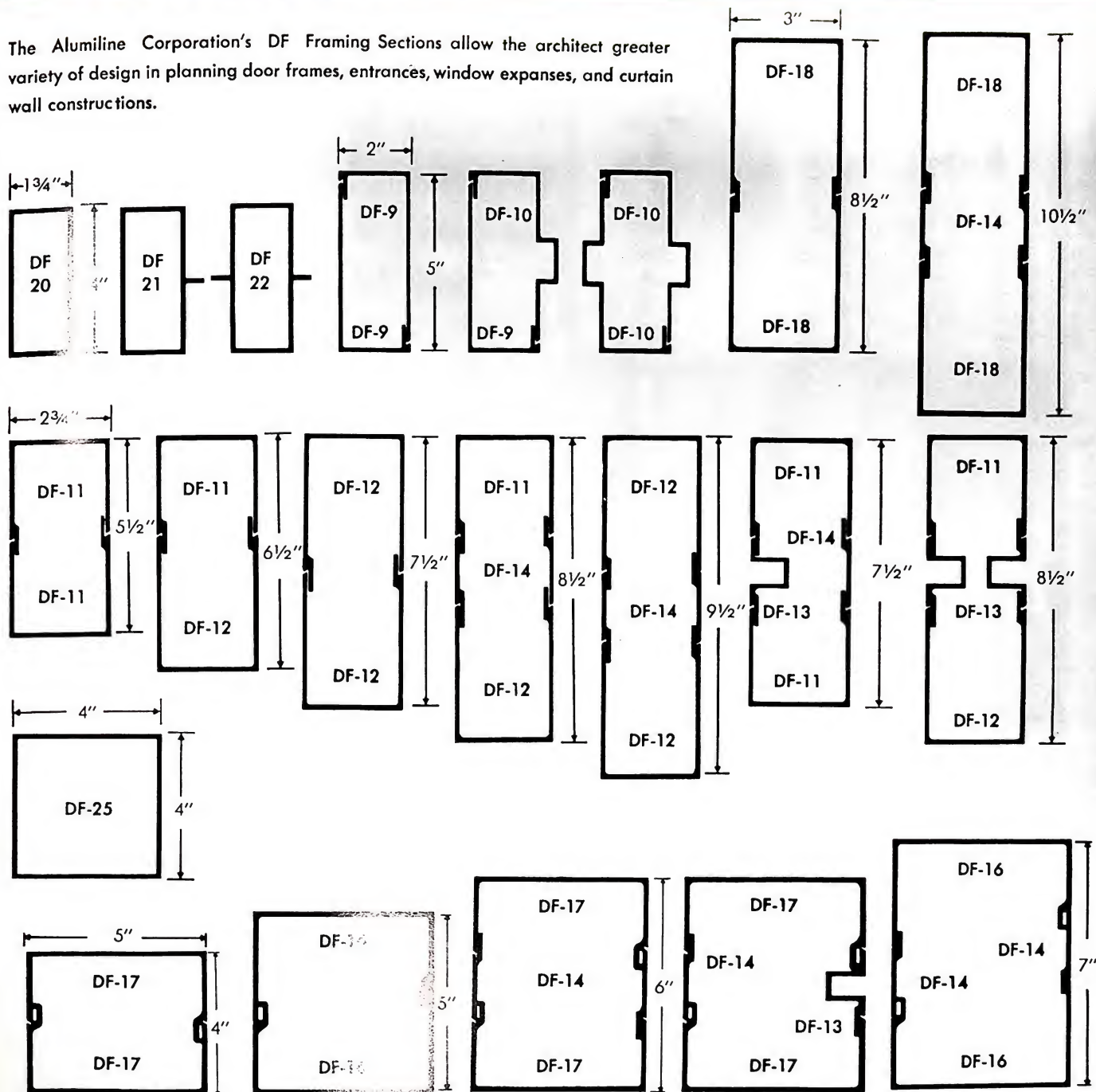
The Hartford Electric Company, Wethersfield, Conn.  
Architect: Westcott & Mapes, New Haven, Conn.



# store fronts

## DF framing members

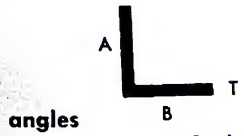
The Alumiline Corporation's DF Framing Sections allow the architect greater variety of design in planning door frames, entrances, window expanses, and curtain wall constructions.



The following illustrations are glazing beads and door stops which may be used in conjunction with DF Framing Members and other Alumiline materials illustrated in this catalog.

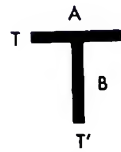


## STANDARD ARCHITECTURAL SHAPES



angles

A	B	T	Stock Length
1/2	1/2	1/8	16'
1/2	1 1/4	1/8	16'
3/4	3/4	1/8	16'
3/4	1 1/4	1/8	21'
3/4	1 1/2	1/8	16'
1	1	1/8	16'
1	1 1/2	1/8	16'
1	2	1/8	16'
1 1/4	3 1/2	1/8	16'
1 1/2	1 1/2	1/8	16'
2	2	1/8	16'
2	2	1/4	16'
2 1/4	5 1/4	1/8	16'



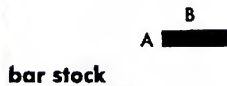
tees

A	B	T	T'	Stock Length
1	1	1/8	1/8	16'



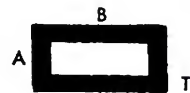
channels

A	B	T	Stock Length
3/8	3/4	1/8	16'
1/2	1/2	3/8	16'
1/2	1	1/8	20'
1/2	1 1/2	1/8	20'
1/2	1 3/4	1/8	16'
1/2	2	1/8	16'
3/4	1/2	1/8	16'
3/4	3/4	1/8	16'
3/4	1 1/4	1/8	21'
3/4	2	1/8	21'
1	1	1/8	16'
1	2	1/8	21'
1 3/4	1 3/4	1/8	21'
3 1/4	2	1/8	21'
1 1/2	5	1/8	21'



bar stock

A	B	Stock Length
3/8	1 1/4	16'
1/4	1	16'
1/4	1 1/2	16'
1/4	3	16'
3/8	1 1/4	16'
3/8	2	16'
1/2	1/2	16'
1/2	1 1/2	16'
3/4	3/4	16'
1	1	16'



rectangular tubing

A	B	T	Stock Length
1	2	1/8	21'
1 1/2	2	1/8	21'
1 3/4	3	1/8	21'
1 3/4	3 1/2	1/8	21'
1 3/4	4	1/8	21'
1 3/4	4	1/8	21'
(1-Blade)			
1 3/4	4	1/8	21'
(2-Blades)			
1 3/4	4 1/2	1/8	21'
1 3/4	5	1/8	21'
2	3	1/8	21'
2	5	1/8	21'



square tubing

A	B	T	Stock Length
1	1	1/8	21'
1 1/2	1 1/2	1/8	21'
1 3/4	1 3/4	1/8	21'
2	2	1/8	21'
4	4	1/8	21'

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### Mid-West Warehouse Facilities

The Alumiline Corporation maintains warehouse facilities at 1503 W. 35th Street, Chicago, Illinois for prompt delivery to western states.

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